

OU-1 OS/360 Utility Program (Class/Miller)
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RK-1 Job RKREF - Reverse Cross-Reference Program (Liere)
APR 22, 1970
TRMTYP-1 Format of ACME Control Block TRMTYP (Stainton)
OCT 2, 1972
UI-7 Instructions for Operating the 1800 Using the Time-Sharing System (Crouse)
JUL 14, 1969
UOP-1 Notes to 1800 Operators (Crouse)
OCT 2, 1968
WFB-3 FORTRAN-H Built-In Functions (Sanders)
JUL 26, 1968
WNITE-1 Internal Documentation of Overnight TAPE and LISP Jobs (Granieri)
FEB 13, 1973
WSC-1 Use of Stand-Alone Loader (Sanders)
JAN 10, 1967
WSCB-1 OS System Control Blocks (Frey)
SEP 12, 1972
*WSVC-3 ACME Written SVCs (Frey/Stainton)
APR 20, 1973
YAA-3 Operations Procedures Table of Contents (Class)
DEC 16, 1969
YAS-1 ACME Switchboard (Matous)
JAN 26, 1971
YBP-7 OS/360 (MVT) Batch Processing Procedure (Class/Sutter)
DEC 19, 1972
YBTU-1 ACME IBM Equipment's Physical Data (Class)
APR 11, 1969
YCC-3 1052 Console Commands (Class/Sutter)
DEC 19, 1972
YCD-2 Clip Deck--Change a Volume Label (Class)
JAN 4, 1973
YCLEAN-2 Scratching Temporary Data Sets (Class)
DEC 19, 1972
YCOL-1 Computer Operator's Lunch, Dinner Schedule (Matous)
JAN 26, 1971
YCON-1 Converting Upper-Case Alpha Characters to Lower-Case with the
Addition of a Punch (Class)
APR 4, 1969
YDAS-3 DASDI Disk Pack (Class)
DEC 20, 1972
YDB-1 Examples of Broadcasts and Debug Messages (Class)
JUN 4, 1968
YDEBE-1 MVTDEBE - OS/360 Multi-Purpose Utility (Frey)
DEC 7, 1971
YDR-2 DUMP/RESTORE ACME Operating System (Class)
MAY 29, 1969
YEREP-2 Hardware Debugging Program--EREP (Class)
APR 12, 1969
YHELP-1 What to Do in Case of an Irrecoverable Disk Error (Class)
APR 21, 1969
YIBM-2 ACME's IBM Hardware (Class)
DEC 28, 1970
YIBMT-1 Operator Procedure: User Disk/Tape Dump/Restore Procedure (Germano)
JAN 4, 1973
YIPL-4 System IPL Procedures for Release 20.6 of OS/360 (MVT) (Class/Sutter)
DEC 19, 1972
YLCS-1 Procedure to Test 2361 Bulk Core--LCS (Class)
JUN 4, 1968
YLISP-1 Operator Procedures- Overnight LISP Jobs (Granieri/Class)
FEB 6, 1973
YLOG-1 ACME 360 Console Log (Class)
JUN 3, 1970
YLPB-1 Loading Printer Buffer (Class)
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YLT-2 Label Tapes (Class)
DEC 19, 1972
YM-9 ACME Monthly Accounting Programs ACCTTING and NEWACCT (S. Miller)
OCT 12, 1972
YMC-8 Billing Cards for SCC (Miller)
OCT 12, 1972
YMS-5 ACME Monthly Accounting Program: SUMMARY (Miller/Liere)
AUG 18, 1972
YNP-2 Loading NAMES, PROJECTs, and DATA SETs on ACME (Class/Matous)
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YOAS-2 Operating the ACME System (Class/Sutter)
OCT 21, 1970
YOWT-1 1800-360 Interface Recovery Instructions (Class)
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YOX-1 Procedure for 270X Error Restart (Denke)
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YPDP-1 Loading the PDP-11 (Lew)
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YPOW-1 Recovering From a Power Failure and Powering Off (Class)
JUL 3, 1969

YPP-3 Reading User Cards Under ACME (Frey)
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YPRIN-1 Operator Instructions for Obtaining User Output: PRINOPUN and PUNCHOUT
(Prowell/Bassett)
SEP 12, 1972

YREP-1 Reporting Equipment Failures (Prowell)
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YSAD-5 Core Dumping Procedure When ACME Hangs Up in a Wait State, Loop,
or Abends (Class/Sutter)
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YSAN-2 ACME Status Using Sanders Display (Kelley)
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APR 14, 1969

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NOV 20, 1969

YTAPE-1 Contents of ACME Tape Library (PDUMP Tapes Excluded) (Cower)
SEP 20, 1972

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YULOG-1 Operator Instructions for Final Preparation of the UNILOG Report
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- J13-2 User Note: ON-Condition Blocks, Checkout, Commands, Display Message, KEY, OPEN, Data Files, UNDEFINED, Linenumber Control, PUBLIC Files, ONCODE, UPDATEing Data Sets (Wiederhold)
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- J14-1 User Note: Suppressing Broadcasts, PUT, DO Loops, IF, Array Functions, PUT LIST, GET LIST, Subscripted Labels, Character Strings, DISPLAY, Program Files, SHOW (Wiederhold)
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- J15-1 User Note: Program Protection, COMMENTS, PUT TEXT, IMAGE, PUT SKIP IMAGE, PUT TAB IMAGE, INITIAL Attribute, FREE, ALLOCATE, ALLOCATION, COUNT (Wiederhold)
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- J16 User Note: SHOW, DELETE, Removal of Restrictions, Program Library, New Character-String Functions, DELAY (Wiederhold)
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- J17 User Note: DIRECT Files, RUN, Closing and Reopening Files, MODIFY, TRUNC Function, READ and WRITE Program Statements (Wiederhold)
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- J18 User Note: Character Strings, PUT DATA, GET IMAGE, MODIFY TO..., SHARED, External Procedures, Procedure Parameters, ON MESSAGE, Linenumbers Above 7999, FORTRAN on ACME, A_USER__PROBLEMS (Wiederhold)
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- J19 User Note: 108 Errors, Paper Holders, GET IMAGE Restrictions, ACME's Move, File Storage (Wiederhold)
NOV 20, 1968
- J20 User Note: KEY, HIGHKEY, LOGOFF Statement, CRUNCH, RECORDHX, Double Precision (Wiederhold)
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- J21 User Note: User Publications; Double Precision; Paper Tape; KEYSORT; Use of Card Reader, Punch, and Printer; SHOW CATALOG; New Plotting Subroutines; Staff Locations and Extensions (Staff)
APR 16, 1969
- J22 User Note: SUBVEC and MOVE, SHOW, RUN Bug, Fast String Routine, New ON Conditions, Use of Printer, Double Precision, Bugs in Subscripting Routines, PACKing and UNPACKing Functions, Dumping Files Onto Tape, PL/ACME Courses, ACME/Campus Link, Staff Changes (Staff)
JUN 27, 1969
- J23 User Note: Corrections to User Note J22, Subroutine ABORT, PACK and UNPACK Functions (Staff)
JUL 7, 1969
- J24 User Note: JUSTIFY Rewritten, Revision of Automatic Output Formats, MULTR and ORDER, Changes in Text File Handling, High Key and Deleting Records, ON-CONDITIONS, FREE Statement, Error Message 90 Changed, SUBVEC Function (Staff)
OCT 17, 1969
- J25 User Note: Copying Files Restricted, Character String Functions Used in Argument Lists, RETURN Statement Bug Fixed, Terminal Service Rates, Subroutine NOPERMIT, Change in IBM Maintenance Schedule (Staff)
DEC 31, 1969
- J26 User Note: User Rate Reduction, Double Precision, String Functions, Logical Functions, Computer Operator Schedule, High Speed Printer, Dummy Program Commands, PROGRAM xxx PUBLIC (Staff)
MAR 26, 1970
- J27 User Note: Textfile Linenumbers, Program (Dataset) Listing Service, ACME/Campus Link, PL/ACME Courses, Staff Changes, Constants in Call (Staff)
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- J28 User Note: PL/ACME Courses, LISP, Graphics Hardware Additions, Small Machine Assemblers, Subroutine CATALOG and Function FILES (Staff)
SEP 15, 1970
- J29 User Note: Lecture on Small Machine Assemblers, More Core for 1800, New PUBLIC Program NEWS, Protecting Text Files Against Loss of Lines (Staff)
NOV 5, 1970
- J30 User Note: New Options for GET and PUT Statements, DEC Assembler, Bugs, Improvement in Subroutine BASIC, Write-Ups of New Statistical Programs, "Unknown Users", ACME Holiday Service. (Staff)
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- J31 User Note: Medical Center Survey, LISP Seminar, Overnight Jobs, Public File Programs, Operating Schedule (Staff)
FEB 4, 1971
- J32 User Note: PL Translator, ACME/CAMPUS Link, Record Size Increase, Plotting Program GRAPHH, CLEAN Option (Staff)
MAR 25, 1971
- J33 User Note: ACME Keywords, Conversion Program PLA_PLI, Truth Tests in ACME, Computer Room Modifications (Staff)
MAY 25, 1971
- J34 User Note: Consulting Schedule, Program JOBTAKER PUBLIC, Graphics Package OPS (Staff)
JUL 20, 1971
- J35 User Note: Special Announcement, Hardware Substitutions, Bulk Core, Disk Drives, Small Machine Interface (Jamtgaard)
OCT 22, 1971

- J36 User Note: New Bulk Core and Disks, PLOTPRIN, Loma Linda Graphics, New Commands in PL/ACME (Staff)
NOV 5, 1971
- J37 User Note: Performance Tests on New Bulk Core, New Text Editing Features, DATACOPY, EVENT, User Tape Services, New Character String Function, New Information on LOGOFF (Staff)
NOV 18, 1971
- J38 User note: Holiday Schedule, Permitting of Real Time Lines, User Services, Consulting Service Schedule, Clean Up Your Files! (Staff)
DEC 21, 1971
- J39 User note: Seminar on Time-Oriented Medical Records, Small Machine Multiplexor, Medical Center Computer Facility Planning Committee, Printing and Punching Services, Double Precision Argument Bug, New Show Command: SHOW DSOPEN (Staff)
FEB 7, 1972
- J40 User note: Revised Operating Hours, Medical Computing Seminars, PL/1 versus PL/ACME Compatibility, Small Machine Multiplexor Interface, System Errors 226 and 237 (File System), Program CATALOG PUBLIC, Fast Fourier Transforms, Antilog (Staff)
FEB 28, 1972
- J41 User note: Revised Rates for ACME Service, New Terminal Support (Memorex), Medical Computing Seminars, Reassignment of Gio Wiederhold, New ACME Note Index, New LISTAKER/JOB TAKER Feature, Bug: Character String Variable and Title Option, Card and Paper Recycling, Acknowledging ACME in Publications (Staff)
APR 10, 1972
- J42 User note: Medical Center Computer Facilities Planning Committee, Small Machine Multiplexor Schedule, 30 Char/Sec Typewriter Terminals, 120 Char/Sec Alphanumeric CRT Service, SUMEX Research Proposal, Comments on Lack of Core Storage Error Messages, New Version of PUBLIC Program COPIER, User Listings Schedule, PDP-11 Simulator, New Versions of PUBLIC Programs LINREG and LACKFIT (Staff)
JUN 13, 1972
- J43 User note: Application of the ACME Quantity Discount to More Than One ACME Account, New PUBLIC Program RECOMPOS: Recomposing PL/ACME Programs from Card Decks, Error in ACME Note ELVSIM: PDP-11 Simulator on ACME, ACME Staff Directory (Staff)
JUL 11, 1972
- J44 User note: Medical Center Computer Facilities Planning Committee, 30 Char/Sec Typewriter Terminal Selection, Transfer of Lee Hundley to SLAC, ACME Grant Status, New ACME Statement and Command to Adjust Width of Output (Staff)
AUG 9, 1972
- J45 User note: 30-Character-Per-Second Terminal Availability, Frank Germano-New User Services Manager, SHOW FREQUENCY-Debugging/Optimization Aid, New PUBLIC Programs BIBLIO and BIBUP: Interactive Keyword/Entry Programs, New PUBLIC Program CONCORD: Generates Concordance Files from Text Files, New PUBLIC Program ARSPEC: Spectral Density Analysis, New PUBLIC Program SURVIVE: Life Table Construction, LISP Bug, Error in PUBLIC Program TSQUARE, Error in ACME Note FDFORM-1 (Format of ACME Dump Tapes for Users) (Staff)
SEP 14, 1972
- J46 User note: Do You Have Data Storage and Retrieval Problems?, Pilot Study/Implementation of Public Data Bank Programs, Time Oriented Data Bank Seminar, Comment on Pageminute Accounting, G.E. Termet Terminals, Terminal Demonstration, New PUBLIC Programs: QSORT, QRANK, and SORTTEXT - Sorting Routines, New PUBLIC Program TEACHER: Teaches PL/ACME, "Super ACME Index, Recovery from Realtime Input/Output Failures (Staff)
OCT 23, 1972
- J47 User note: Medical Center Computing: What is going to happen? (Staff) Announcement of Informational Meeting
NOV 10, 1972
- J48 User note: Index to the ACME PUBLIC Programs, New PUBLIC Program IBMTAPE: Enters Requests to Dump/Restore Users' ACME Files to/from Tape, ACME Holiday Schedule, Radioimmunoassay Users, New PUBLIC Program ARITHDAT: Arithmetic Date Routines, New PUBLIC Programs BSORT and BRANK, SORTTEXT Users, Correspondence Terminal Support Changes (Staff)
DEC 20, 1972
- J49 User note: New Medical Center Computing Facility, ACME Datafile Compression, Revised ACME Operator Schedule, Comments from ACME Users, SIGBIO Colloquium on Time-Oriented Medical Records, New Seminar Series, Personnel Changes, Changes in PUBLIC Program DATACOPY, Use of LF or INDEX Key, New and Revised Linear Regression Programs on PUBLIC File, Long Print Job Problem (Staff)
FEB 13, 1973
- *J50 User note: Medical Center Computer Facility, TOD Seminar, PL/ACME Classes, LISP Available (Staff)
MAR 8, 1973
- KCC-1 PL/ACME Collating Sequence (Wiederhold/Emmons)
MAY 12, 1969
- NI-2 Initialization of Variables (Hundley)
SEP 27, 1969
- NSC-1 Subscribing Cost (G. Wiederhold)
AUG 17, 1972

ONC-4 Values Returned by the ONCODE Function (Feinberg)
NOV 12, 1969

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APR 16, 1970

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JUL 9, 1971

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NOV 12, 1968

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APR 6, 1970

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AUG 4, 1969

TP-6 Text Editing and Processing on ACME (Wiederhold)
JAN 31, 1972

TS-7 String Handling Functions (Wiederhold)
SEP 12, 1969

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(Wiederhold)
JAN 7, 1971

WDB-1 Proposal for Arithmetic on Strings (Wiederhold)
SEP 4, 1970

INPUT/OUTPUT

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*DECT-1 PDP-11 DECTape on ACME (Low)
MAR 30, 1973

DELL-1 Evaluation of General Purpose Graphics Terminal (GPGT 315C) (Freret)
Loma Linda
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DS-1 Sample for Sanders 720 Display (Cummins)
DEC 8, 1967

DSLL-2 315C (Loma Linda) Display Terminals (Freret)
SEP 15, 1972

DSP-1 Data Plugs for Sanders Display (Weatherby)
DEC 9, 1967

DSR-1 Sanders 720 Display System Routines (Cummins)
SEP 15, 1970

EPORT-2 User Instructions: Execuport 300 Terminal (Stainton)
OCT 10, 1972

FS-1 PL Statements for Stream Input/Output (Miller)
FEB 9, 1967

KBEE-2 Using the Beehive Terminals on ACME (Wiederhold/Stainton)
SEP 8, 1972

KT-4 Using the Model 33 Teletype (Stainton)
JUN 15, 1972

KTB-1 Character Translations for Teletype and Beehive Terminals (Wiederhold)
FEB 14, 1972

KTBA-1 Changes to TTY Translation Tables (Stainton)
MAY 17, 1972

*KU-5 Using Correspondence Code 2741 Terminals (Stainton)
MAY 3, 1973

KV-1 ACME Vocabulary (Wiederhold)
JAN 4, 1970

PLT-2 ACME Plotting Routines (Sanders)
NOV 13, 1970

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(Wayl)
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AUG 7, 1972

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SEP 15, 1970

TNET-1 User Instructions: Western Union or G.E. Terminet 300 Terminals
(Stainton)
OCT 16, 1972
TT-1 Special Character String Input/Output Procedures (Sanders)
FEB 1, 1968
WBEE-2 Using the Beehive Terminal On ACME Through the PDP-11 (Briggs)
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WPDPB-1 Using the Litton Printer On ACME Through the PDP-11 (Briggs)
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*DBMS-1 Comparison of Commercial Data Base Management Systems (Germano)
APR 12, 1973
DBS-1 Present and Potential Patient-Related Databanks at the Stanford
Medical Center (Germano/Wiederhold)
OCT 27, 1972
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Dr. Hayflick) (Weyl)
JUL 19, 1972
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DDS-3 Dumping Data Sets Onto Tape (Frey)
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DI-1 Drug Interaction Project ACME Programs (Crouse/Hunn/Bassett)
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ECC-3 ACME User Utilities (Frey)
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EIRP-1 Information Retrieval Program (Radiation Therapy Dept.) (J. Hu)
NOV 18, 1971
EP-6 ACME Program Library: Using PUBLIC Files (Wiederhold/Bassett)
SEP 27, 1969
EPA-2 Example of a Program to Copy a Program (Wiederhold)
JUL 25, 1968
FDFORM-1 Format of ACME Dump Tapes for Users (Frey/Lew)
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FF-3 File Description and Opening (Miller/Frey)
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FI-5 Data Set Names and File Names (Miller/Frey)
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*FILCMP-2 ACME Datafile Compression - User Information (Germano)
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FK-1 Data Set Protection (Miller)
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FP-5 Input/Output Statements in PL/ACME (Frey)
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*TDOV-2 TOD System Overview (Germano)
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(TOD) (V. Wiederhold)
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*TDUB-1 How to Enter and Correct Data on TOD (V. Wiederhold)
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*TDUONA-1 Programs PRELET - ONCOLET: Oncology Letter Writing Programs (Whitner)
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*TIDB-2 TOD Operational Statistics Structure (Germano)
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*TIDC-3 The TRANSPOSED Files (Germano/Weyl)
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NOV 17, 1972

*TIDE-1 Structure of the TOD Index File (Giusti)
TOD Internal Documentation
MAR 28, 1973

*TIDF-1 TOD Survival Kit - Structure and Linkage (Whitner)
TOD Internal Documentation
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*TIDG-2 Record 1 in the TOD Descriptor File, td_desc (Germano/Weyl)
TOD Internal Documentation
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*TIDH-1 Structure of the Subset Library File, td_subs (Weyl)
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*TODADM-1 Administrative Procedures for the PL/ACME Time-Oriented Databank (TOD)
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*TODATA-1 Stanford Medical Center TOD Data Descriptor Dictionary (Germano)
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*TODCST-1 Analyzing the Costs of Running a TOD Databank (Germano)
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*TODIDX-1 Keyword Index to TOD ACME Notes (Weyl)
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*TODPDL-1 Listing of TOD Header & Parameter Files Using TD_QLIST (Bassett)
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- *TODREF-1 Index to TOD ACME Notes (Weyl)
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- BAB-1 1800 Users and Applications (Bellville)--Anesthesia (Crouse)
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- BAC-1 1800 Users and Applications (Kadis)--Anesthesia (Crouse)
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- BAE-1 1800 Users and Applications (Morris)--Genetics (Crouse)
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- BGOLD-1 Programs for Processing of Temperature Data in SCLERODERMA (J.
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JUN 12, 1968
- BUL-2 UNPACKING Routines (Cummins)
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- BV-1 PDP-8 to the 360 Echo Check via PL/1 (Tschantz/Fitzgerald)
JUL 17, 1967
- KPERM-2 PERMIT18 Function - User Permit on 1800 (Granieri)
DEC 13, 1971
- KPRI-4 Priority Status (Cummins)
MAR 27, 1969
- RU-4 Example of an ACME Run (Liere)
JUN 28, 1968
- TR-2 Respiratory Project on the 1800 (Hintz)
MAR 22, 1967
- UDE-3 1800 User Lines, Interrupt, and Director Information (Crouse)
NOV 7, 1968
- UEM-1 1800-360 Error Messages (Crouse)
OCT 2, 1968
- UEVT-1 Realtime EVENT Function (Frey)
NOV 4, 1971
- UF-1 1800 Word (Crouse)
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- UIT-1 1800 Time-Share Program--Internal Timing (Hundley)
OCT 30, 1968
- UOR-1 Real-Time Data OVERRUN (Cummins)
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- UPC-3 1800 Users' Projects Chart (Crouse)
SEP 19, 1969
- URECOV-1 Recovery from Realtime Input/Output Failures - User Instruction (Frey)
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- VRTD-2 Procedure for Temporarily Changing 1800 Real-Time Directory
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- US-3 1800 Data Sampling Parameters (Hundley/Wiederhold)
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- UU-5 1800 Usage for the Time Sharing System (Crouse)
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- UW-1 A Warning About the 1800-System/360 Adapter (Cummins)
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HARDWARE

CPT-3 Using the Paper Tape Punch and Reader (Hundley)
NOV 12, 1971

HA-2 Transmission of Digital Data (Holtz)
DEC 4, 1968

HAA-1 Analog Transmission from O.R. 14 to Sigma 5 at Space Engineering
(Curtis)
Engineering Note #015A
JUL 7, 1970

HAC-1 Loma Linda Terminal/ACME 1800 Link (Matheson/M. Hu)
EUN057
OCT 11, 1971

HAC-1 Biosciences/ACME 1800 Digital Analog Link (M. Hu)
EUN046
SEP 1, 1971

HAH-1 Radiology Diagnostic - Nuclear Medicine/1800 Digital Link "OR"
Connection (Matheson)
Engineering Note 062
SEP 19, 1972

HAI-1 Radiology Diagnostic/ACME 1800 Analog Link (Nozaki)
Engineering Note 063
SEP 25, 1972

HAI-1 Neurology EEG Lab/ACME 1800 Analog Link (Matheson)
Engineering Note 066
OCT 30, 1972

HAK-1 Scintillation Counter/Paper Tape Punch (Matheson)
Engineering Note 067
NOV 6, 1972

HBE-1 Beehive CRT Display Terminal to PDP-11 Interface (Stubbs)
JAN 3, 1972

HRSC-1 ACME Interface Connection for Biological Sciences Laboratories
(Curtis/Osborne)
MAR 11, 1970

HCB-1 Clinical Billing Office/Sanders System (Curtis)
NOV 14, 1969

HCHE-1 Chemistry Connection (Nozaki)
Engineering Note #042
FEB 1, 1971

HCIC-3 Carnegie Institution Connection (Osborne/Holtz)
AUG 26, 1969

HCL-1 Clinical Laboratory/Dr. Derek Enlander (Curtis)
JAN 6, 1970

HCR-1 ACME Interface Connection for Cardiology Room S017 (Curtis)
Engineering Note #018
MAR 3, 1970

HVCV-1 PDP-12 Relocation for Cardiovascular Surgery (Curtis)
Engineering Note #025
MAY 18, 1970

HE-2 Laboratory Connection for Dr. Doherty - Room A379 (Osborne)
MAR 19, 1970

HEPR-1 Varian EPR Recorder to IBM 1800 Interface (M. Hu/Matheson)
JUL 20, 1971

HF-4 Dr. E. Mesel Radiology Lab Connection (Curtis/Holtz)
AUG 11, 1969

HG-5 Dr. Bellville Laboratory Connection (Holtz/Osborne)
OCT 6, 1969

HH-2 Microwave Laboratory Connection (Osborne)
OCT 7, 1970

HJ-3 ACME Interface for Cardiovascular Surgery (Curtis)
MAR 31, 1970

HL-3 Connection of Small Computer to the ACME System (Holtz)
NOV 11, 1967

HLP-1 Litton Printer to PDP-11 Interface (Stubbs)
JAN 3, 1972

HNM-1 Nuclear Medicine Connection--Dr. DeGrazia (Curtis)
SEP 12, 1969

HOR-2 Installation in Room S280 and Operating Rooms 10 and 11 (Holtz/Weatherby)
JUL 29, 1968

HORA-2 Connection from Cardiology Lab to PDP-8 in Room S284 (Curtis)
MAR 11, 1970

HOS-2 Coronary Care Connection (Holtz/Osborne)
JUL 29, 1968

HRL-1 Dr. Heinrich Rose Lab Connection--Surgery (Holtz/Maguad)
JUL 29, 1968

HSCI-1 Scan Converter Interface (Stubbs)
JUN 18, 1971
HSI-2 Standard ACME Interface (Holtz)
NOV 27, 1968
HTC-1 Cardiology Lab Connection (Holtz/Maynard/Hoffman)
JUL 26, 1967
HTRE-1 PAR 262 Interface (Arndt)
DEC 1, 1970
HTRI-1 Dr. Hardyck--Tape Recorder Interface (Holtz/Hoffman)
APR 9, 1968
HUA-1 Connection to Analog Computer (Holtz)
JAN 12, 1968
HUM-1 Biology Lab Scintillation Counter Connection (Holtz/Morris)
SEP 15, 1967
HUN-1 LINC-8 Connection (Holtz)
JAN 31, 1968
HUO-2 PDP-8 Interface--Dr. Nelsen (Holtz)
MAR 25, 1968
HUU-1 Urology Lab. Connection (Holtz)
SEP 15, 1967
HVA-5 V.A. Hospital Lab Connection (Psychiatry)--Dr. Kopell (Holtz)
MAR 28, 1969
HX-1 Computation Center Remote Control Box (Holtz/Larned)
JUL 26, 1967
HY-2 Genetics Lab Connection, Rooms S309 and S367 (Holtz/Curtis)
APR 9, 1969
HZZ-1 Dr. Zboralske Lab Connection (Holtz/Curtis)
NOV 27, 1968
MPXA-1 2701 PDA/Satellite Machine Multiplexor - General Information (Frey)
DEC 8, 1972

ACME SUBROUTINE LIBRARY

EA-4 General Use of ACME Libraries (Liere)
SEP 18, 1969
EAA-6 ACME Subroutine BASIC: Basic Descriptive Statistics--Handles Missing
Data (Whitner)
DEC 18, 1970
EAB-8 ACME Subroutine CORLATE: Correlation Coefficients (Whitner)
OCT 9, 1970
EAC-6 ACME Subroutine ONETAB: One-Way Frequency Distribution (Whitner)
DEC 15, 1971
EAD-5 ACME Subroutine CROSTAB: Two-Way Frequency Distribution (Whitner)
OCT 25, 1971
EAE-8 ACME Subroutine TTEST: Student's t-test (Liere/Whitner)
FEB 12, 1971
EAF-4 ACME Subroutine RANK: Ranks Set of Data Values from Smallest to Largest (Whitner)
OCT 12, 1970
EAG-4 ACME Subroutine BASTAT: More Basic Descriptive Statistics
(Moore/Whitner)
FEB 19, 1971
EAH-3 ACME Subroutine TIE: Correction Factor for Ties in Ranked Data
(Liere/Whitner)
DEC 22, 1970
EAI-5 ACME Subroutine CHISQU: Chi-Square Test for Contingency Table (Liere/Whitner)
JUN 23, 1970
EAJ-8 ACME Subroutine SRANK: Spearman Rank Correlation Coefficient (Whitner)
JUL 16, 1971
EAK-5 ACME Subroutine UTEST: Mann-Whitney U-test (Whitner)
OCT 13, 1972
EAL-6 ACME Subroutine SIMREG: Simple Linear Regression (Liere/Whitner)
FEB 11, 1971
EAO-4 ACME Subroutine GDATA: Independent Variable Used in Polynomial Regression (Liere/Whitner)
FEB 4, 1970
EAQ-4 ACME Subroutine MINV: Inverts a Matrix (Liere)
SEP 5, 1969
EAR-4 ACME Subroutine AUTO: Autocovariance (Shih/Whitner)
FEB 10, 1971
EAS-6 ACME Subroutine CROSS: Cross-Covariance (Whitner)
APR 26, 1971
EAT-6 ACME Subroutine ANOVA1: One-Way Analysis of Variance (Liere/Whitner)
MAR 17, 1971
EAU-6 ACME Subroutine ANOVA2: Two-Way Analysis of Variance (Liere/Whitner)
MAR 12, 1971

MAR 12, 1971
 EAV-4 ACME Subroutine MATPRD: Multiplies Two Matrices (Liere)
 SEP 5, 1969
 RAW-3 ACME Subroutine SMOOTH: Smooths Time Series (Liere/Whitner)
 FEB 4, 1970
 EAX-3 ACME Subroutine CLRATIO: Confidence Limits for Ratio of Two Means (Liere)
 SEP 12, 1969
 EAY-1 ACME Subroutine ORDER: Dependent and Independent Variables from Symmetric Correlation Matrix (Liere)
 SEP 12, 1969
 EAZ-3 ACME Subroutine TRANSPOSE (Whitner)
 APR 8, 1970
 EBF-3 ACME Subroutine MATADD: Adds Two Matrices (Liere)
 JAN 24, 1969
 EBT-2 ACME Subroutine EIGEN: Calculates Eigenvalues and Eigenvectors for a Symmetric Matrix (Liere)
 MAY 26, 1969
 EBZ-2 ACME Subroutine RUNGA: First-Order Differential Equations by Runge-Kutta Method (G. Sanders)
 FEB 17, 1969
 ED-3 Statistical Library Testing Programs (Liere/Whitner)
 APR 7, 1970
 EDM-2 ACME Subroutine MULTR: Multiple Linear Regression (Liere/Whitner)
 JUL 19, 1971
 EDO-2 ACME Subroutine WALT: Moves Half-Word Integer Data from One Array to Another (Breitbard)
 AUG 11, 1969
 EDW-1 ACME Subroutine PLOTLINE: Plots Curve on Designated Digital Plotting Device (G. Sanders)
 OCT 9, 1969
 EDX-1 ACME Subroutine PLOTS: Plots Time Series on Designated Digital Plotting Device (G. Sanders)
 SEP 12, 1969
 EEG-1 ACME Subroutine WTSREG: Simple Linear Regression for Weighted or
 Unweighted Data (Whitner)
 DEC 15, 1970
 EEW-1 Accuracy of ACME Statistical Subroutines (Whitner)
 AUG 9, 1971
 EEX-1 Usage of ACME Statistical Subroutines (Whitner)
 JUL 30, 1970
 KEY-1 ACME Subroutine CODE: Encodes and Decodes User's Files (Hale/Whitner/Nye)
 DEC 16, 1970

ACME PROGRAM LIBRARY - MOST ON PUBLIC FILE

AH-1 ACME Program Library HELP: Information on ACME Keywords (G. Sanders)
 MAY 24, 1968
 BER-1 ACME Program Library PLA_PL1: Converting a PL/ACME Program Into an
 Equivalent PL/1 Program (Berman)
 JUN 16, 1971
 COUNT-1 Structure of the Count File JQPUBLIC.ACME.count (Goheen)
 SEP 28, 1972
 DDA-1 Pediatrics Project--Routine No. 1 (Drew)
 AUG 8, 1967
 EAM-5 ACME Program Library LACKFIT: Test for Linearity of
 Regression (Whitner)
 NOV 1, 1972
 EAM-6 ACME Program Library MULT: Multiple Regression (Liere/Whitner)
 JUL 8, 1971
 EAP-4 ACME Program Library GENCORR: Correlation Coefficients (Handles
 Missing Data) (Kraemer)
 FEB 16, 1973
 EARITH-1 ACME Program Library ARITHDAT: Arithmetic Date Routines (Germano)
 DEC 12, 1972
 EARSPE-2 ACME Program Library ARSPEC: Spectral Analysis by Autoregressive Model
 Technique (Gersch/Weyl)
 AUG 31, 1972
 EBD-4 ACME Program Library WEIGTREG: Weighted Linear Regression (Whitner)
 APR 10, 1970
 EBE-3 ACME Program Library LINREG: Linear Regression (Whitner)
 NOV 8, 1972
 EBG-3 ACME Program Library JACKNIFE: Confidence Limits for a Ratio
 of Two Means (Moore/Whitner)
 FEB 11, 1971
 EBH-1 ACME Program Library ONCALL: Scheduling Program for Residents
 on Call (Moore)
 JAN 8, 1968
 EBI-3 ACME Program Library PCPLOT: Frequency Plot (Moore/Whitner)
 JUN 24, 1970

EDS-2 ACME Program Library UNCRUNCH: Restoring CRUNCHED Program Datasets (Bassett)
JAN 21, 1971

EDT-2 ACME Program Library DPOWELL: Fitting Program for Nonlinear Functions (G. Sanders)
AUG 29, 1969

EDU-1 ACME Program Library ALPHABET: Alphabetization of Elements of
String Records (G. Sanders)
JUL 3, 1969

EDV-1 ACME Program Library TABRIT: Composes Programs with Tabular Output (Nye)
AUG 11, 1969

EDY-1 ACME Program Library FORTALGN: Aligning a FORTRAN Text File for
Compilation (Liere)
APR 17, 1970

EDZ-1 ACME Program Library ASM_ALIGN: Aligning a 360 Assembly Language
Text File for Assembly (Liere)
APR 17, 1970

EEA-1 ACME Program Library STEPREG: Stepwise Multiple Linear Regression
(Whitner)
AUG 27, 1970

EEB-1 ACME Program Library EZALIGN: Aligning a Text File to a Desired Line
Width (Brotz)
JUL 17, 1970

EEC-2 ACME Program Library TYPEWRIT: Printing a Text File with Page Breaks
(Brotz/Saal)
AUG 19, 1970

EED-1 ACME Program Library UPDATENP: Updating the NEWTEXT File (Sanders)
OCT 13, 1970

EEN-1 ACME Program Library NEWS: News Items Can Be Printed Out on User's
Terminal (Sanders)
OCT 14, 1970

EEZ-1 ACME Program Library SCRATCH: Deletes Datasets from User's File
(Whitner)
AUG 14, 1970

EFA-1 Translating FORTRAN Programs to PL/ACME Using DATAPROG, UNEKEVAR
and TRANSLATE (Emmons)
SEP 23, 1968

EFC-2 ACME Program Library UNEKEVAR: Unique Variables (Emmons/Liere)
NOV 25, 1970

EFD-2 ACME Program Library TRANSLATE: Translation of FORTRAN Programs to
PL/ACME (S. Miller)
AUG 7, 1972

EFE-2 ACME Program Library LISTAKER - Listing/Punching Service (Bassett)
FEB 1, 1971

EFFT-2 ACME Subprograms FFT and FFTD: Fast Fourier Transforms (Whitner)
JUL 24, 1972

EG-1 ACME Subprogram GRAPHH: Creates Display and Plotter Output (Hale)
MAR 22, 1971

EIBMTAP-1 ACME Program Library IBMTAPE: Dump/Restore User Tapes (Germano)
DEC 18, 1972

EOPS-1 Versatile Plotting System (Hale)
JUN 15, 1971

EPCDES-1 Proposal for Common Data Entry Subprogram for Statistical Programs on
the PUBLIC File (Whitner)
JUL 7, 1972

EPP-2 ACME Subprogram PLOTPRIN: Plots Graphs and Prints on Line Printer or
Terminal (J. Hu)
FEB 16, 1972

EPUBDIR-1 ACME PUBLIC File Directory (Germano)
DEC 12, 1972

ERFCOM-1 ACME Program Library RECOMPOS: Recomposing PL/ACME Programs from Card
Decks (Bassett)
JUL 6, 1972

ESORT-1 ACME Program Library QSORT, QRANK, SORTTEXT, and GENSORT: Sorting
(Goheen/Neimat)
SEP 19, 1972

ESURV-1 ACME Subprogram Library SURVIVE: Life Table Construction (Bauriedel)
SEP 8, 1972

ETEAS-1 Organization of the Computer-Assisted Instruction Project on ACME:
TEACHER PUBLIC (Neimat)
SEP 22, 1972

ETEAU-1 ACME Program Library TEACHER: Teaches PL/ACME Language (Neimat)
SEP 22, 1972

ETLR-1 ACME Subprogram LACFTSUB: Test for Linearity of Regression (Whitner)
NOV 1, 1972

UEI-1 ACME Realtime Library Program IRON: Smoothing by IRONING with an
Exponential Decreasing Window (Wiederhold)
DEC 13, 1971

ULA-1 ACME Real Time Program Library AZTEC: Data Reduction for a Sequence of
Samples (Wiederhold)
NOV 23, 1971

ULC-1 ACME Realtime Library CUADRO: Smoothing Using a Square Window
(Wiederhold)
FEB 17, 1972

WTX-2 Text Processing Routines (Wiederhold)
SEP 22, 1971

Revision of AA-39 dated March 17, 1973.

Dist: Staff/All

EBIB-1 ACME Program Library BIBLIO and BIBUP: Interactive Keyword/Entry Programs (Goheen)
AUG 25, 1972

EBK-4 ACME Program Library POLY: Polynomial Regression (Liere)
OCT 2, 1969

EBL-2 ACME Program Library RUNK_1: Runge-Kutta Solution of First-Order Ordinary Differential Equation (Liebes)
AUG 21, 1968

EBM-4 ACME Program Library ZEROFIT: Least-Squares Line through Origin (Whitner)
NOV 24, 1969

EBN-3 ACME Program Library BSORT and BSORTC: Sorting (Germano)
DEC 14, 1972

EBNC-1 ACME Program Library BRANK and BRANKC: Bubble Sort Ranking (Germano)
DEC 14, 1972

EBO-3 ACME Program Library PEEL: Exponential Curve Fitting (G. Sanders/Liere)
OCT 17, 1969

EBP-2 ACME Program Library KWTEST: Non-Parametric Analysis of Variance--One-Way (Kraemer)
JAN 12, 1969

EBQ-4 ACME Program Library PLOT: Scatter Plotting (Liere)
MAR 27, 1969

EBR-3 ACME Program Library SCHUSTER: Schuster Periodogram (Schach)
FEB 7, 1969

EBS-3 ACME Program Library RUNGA6: Runge-Kutta Integration (G. Sanders)
JUN 15, 1969

EBU-3 ACME Program Library TIMESER: Spectral Analysis (Liere)
SEP 6, 1972

EBV-2 ACME Program Library GOODFIT: Test for Goodness of Fit (Liere)
JUL 11, 1969

EBW-2 ACME Program Library DISCRIM2: Discriminant Analysis for Two Groups (Schach)
FEB 7, 1969

*EBX-3 ACME Program Library TSQUARE: Hotelling's T Square (Schach)
MAR 9, 1973

EBY-4 ACME Program Library CHI_2BY2: Chi-Square Statistic with Continuity Correction (Whitner)
OCT 30, 1970

ECABLE-1 ACME Program Library CABLE: Cable Inventory Management (Harrison)
AUG 17, 1972

ECONCO-1 ACME Program Library CONCORD: Generates Concordance Files From Text Files (Goheen)
AUG 25, 1972

EDA-1 ACME Program Library MAPIT: Mapping Bacterial Chromosomes (Nye)
AUG 5, 1968

EDB-3 ACME Program Library DATAPROG: Writing a Data File Into a Program File (Liere)
JUL 15, 1969

EDD-3 ACME Program Library HEXARITH: Hexadecimal Integer Arithmetic Routines (Liere)
JAN 13, 1970

EDF-5 ACME Program Library JUSTIFY: Text Justification (Liere/Whitner)
DEC 28, 1970

EDF-2 ACME Program Library RUNK_2: Runge-Kutta Solution of Second-Order Ordinary Differential Equations (Liebes)
APR 18, 1969

EDG-3 ACME Program Library POWELL: Fitting Program for Nonlinear Functions (G. Sanders)
AUG 19, 1969

EDH-1 ACME Program Library LISTER: Listing the User's Program (Liebes)
SEP 19, 1968

EDI-3 ACME Program Library MATCH: Matching Donors to Recipients for Transplants (Bauriedel)
MAY 17, 1972

EDJ-3 ACME Program Library LINSYS: Solution of Simultaneous Equations (Whitner/Jones)
OCT 16, 1972

EDK-2 ACME Program Library ANOVATWO: Two-Way Analysis of Variance--Unequal Cell Frequencies (Brast)
FEB 7, 1969

EDL-1 ACME Program Library EDITER: Converting a Program to a Standard Format (Liebes)
NOV 14, 1968

EDN-2 ACME Program Library BALTHREE: Analysis of Variance for a Balanced Three-Way Design (Kraemer)
FEB 7, 1969

*EDP-4 ACME Program Library COPIER: Reproducing a Complete or Partial Program Data Set (Bassett)
APR 17, 1973

EDPD-2 ACME Public Program D_EMPTY: Deletes Empty Files (Wiederhold)
MAR 2, 1972

EDQ-3 ACME Program Library DATACOPY: Reproducing a Complete or Partial Data File (Wiederhold)
FEB 20, 1973

EDR-3 ACME Program Library CRUNCH: Collapsing Program Datasets (Bassett)
JUN 25, 1971

APPENDIX E
USER PUBLICATIONS

1. Published in Regularly Scheduled Periodicals During Fiscal 1973

- Alderman, E.L., W.H. Barry, A.F. Graham, and D.C. Harrison, "Hemodynamic Effects of Morphine and Pentazocine Differ in Cardiac Patients," NEW ENGLAND JOURNAL OF MEDICINE, Vol. 287, pp. 623-627, Sept. 28, 1972.
- Alderman, E.L., A. Branzi, S. Sanders, D.C. Harrison, and B.W. Brown, "Evaluation of the Pulse Contour Method of Determining Stroke Volume in Man," CIRCULATION, Vol. XLVI, September 1972.
- Barry, W.H., A.M. Marlon, and D.C. Harrison, "The Hemodynamic Effects of Strontium Chloride in the Intact Dog," PROCEEDINGS OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY AND MEDICINE, Vol. 141, No. 1, pp. 52-58, October 1972.
- Branzi, A., H. Mailhot, E.L. Alderman, and D.C. Harrison, "Ultrasound Determination of Left Ventricular Position for Volume Angiography," CHEST, Vol. 62, pp. 29-33, July 1972.
- Brown, C.R., P.F. Shroff, and W.H. Forrest, Jr., "Relative Potency of Triclorofos Compared to Pentobarbital as a Hypnotic," J. OF CLIN. PHARM. AND NEW DRUGS, Vol. 12, No. 8 and 9, pp. 306-312, August-September 1972.
- Brown, C.R., W.H. Forrest, Jr., and H. Hayden, "The Respiratory Effects of Pentobarbital and Secobarbital in Clinical Doses," JOURNAL OF CLINICAL PHARMACOLOGY, Vol. 13, pp. 28-35, January 1973.
- Buchanan, B.G., E.A. Feigenbaum, and N.S. Sridharan, "Heuristic Theory Formation: Data Interpretation and Rule Formation," MACHINE INTELLIGENCE 7, Edinburgh University Press, pp. 267-290, November 1972.
- Forrest, W.H., Jr., P.F. Shroff, and D.L. Mahler, "Analgesic and Other Effects of Nalmexone in Man," J. OF CLIN. PHARM. AND THERAP., Vol. 13, No. 4, pp. 520-525, July-August 1972.
- Forrest, W.H., Jr., C.R. Brown, P.F. Shroff, and G. Teutsch, "Relative Potency of Propiram and Morphine for Analgesia in Man," JOURNAL OF CLINICAL PHARMACOLOGY, Vol. 12, No. 11 & 12, Nov.-Dec. 1972.
- Goldman, R.H., R.N. Deutscher, E. Schweizer, and D.C. Harrison, "Effect of a pharmacologic dose of digoxin on inotropy in hyper- and normokalemic dogs," AMERICAN JOURNAL OF PHYSIOLOGY, Vol. 223, No. 6, pp. 1438-1443, December 1972.
- Herman, M.M., K.G. Bensch, K.W. Marich, and D. Glick, "The Effects of Gold Thioglucose on Mouse Fibroblasts in vitro: Morphological and Laser Microprobe Studies", EXPERIMENTAL AND MOLECULAR PATHOLOGY, Vol. 16, No. 2, pp. 186-200, April 1972.
- Joffe, J.M., K. Milkovic, and S. Levine, "Effects of Changes in Maternal Pituitary-Adrenal Function on Behavior of Rat Offspring," PHYSIOL. BEHAV., Vol. 8, pp. 425-430, 1972.
- Lamb, E., and A.L. Cruz, "Data Collection and Analysis in an Infertility Practice," FERTILITY AND STERILITY, Vol. 23, No. 5, pp. 310-319, May 1972.
- Lamb, E., "Prognosis for the Infertile Couple," FERTILITY AND STERILITY, Vol. 23, No. 5, pp. 320-325, May 1972.
- McConnell, H. M., and P. Devaux, "Lateral Diffusion in Spin Labeled Phosphatidyl Choline Multilayers," J. AM. CHEM. SOC., Vol. 94, p. 4475, 1972.
- Marich, K.W., J.B. Orenberg, W.J. Treytl, and D. Glick, "Health Hazards in the Use of the Laser Microprobe for Toxic and Infective Samples," AMERICAN INDUSTRIAL HYGIENE JOURNAL, pp. 488-491, July 1972.
- Northway, W.H., R. Petriceks, and L. Shahinian, "Quantitative Aspects of Oxygen Toxicity in the Newborn: Inhibition of Lung DNA Synthesis in the Mouse," PEDIATRICS, Vol. 50, No. 1, pp. 67-72, July 1972.
- Raybin, D.M., L.L. Bertsch, and A. Kornberg, "A Phospholipase in Bacillus megaterium Unique to Spores and Sporangia," BIOCHEMISTRY, Vol. 11, No. 10, pp. 1754-1760, 1972.
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- Scandella, C.J., P. Devaux, And H.M. McConnell, "Rapid Lateral Diffusion of Phospholipids in Rabbit Sarcoplasmic Reticulum," PROC., NAT. ACAD. SCI., Vol. 69, No. 8, pp. 2056-60, 1972.
- Smith, D.H., B.G. Buchanan, R.S. Engelmores, A.M. Duffield, A. Yeo, E.A. Feigenbaum, J. Lederberg, and C. Djerassi, "Applications of Artificial Intelligence for Chemical Inference VIII. An Approach to the Computer Interpretation of the High Resolution Mass Spectra of Complex Molecules. Structure Elucidation of Estrogenic Steroids," JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, Vol. 94, pp. 5962-5971, 1972.

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- Weichsel, M.E., Jr., N.J. Hoogenraad, R.L. Levine, and N. Kretchmer, "Pyrimidine Biosynthesis During Development of Rat Cerebellum," *PEDIAT. RES.*, Vol. 6, pp. 682-686, 1972.

2. Other Publications

- Brown, B.W., Spurious Appearance of Mosaicism in Three Generations in One Family with a 3/B Translocation," with B. Efron and R.G. Miller, submitted for publication (spring 1973).
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- Brown, C.R., P.F. Shroff, and W.H. Forrest, Jr., "The Oral Hypnotic Bioassay of Hydroxazine and Pentobarbital for Night-time Sedation," in preparation (winter 1972).
- Cohen, S.N., L. Crouse, M.F. Armstrong, and G. Hunn, "A Computer-Based System for Prospective Identification of Drug Interactions", *PROCEEDINGS OF THE FIFTH INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES*, Univ. of Hawaii, 1972.
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- Dingledine, R., and A. Goldstein, "Lethality of the Opioid Narcotic Levorphanol," *BRIT. J. PHARMACOL.*, in press (spring 1973).
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